Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No: Second and Part Bill Date 20

Division: **Yelahanka** Sub Division: **Yelahanka Satellite Town Sub Division** SBR No: 03/2021-22

Bill Received No. Date..... Dated ..... Divisional Cash Book Voucher No Date: Dated 20/4/2021

Sub Divisional **Work Code: 003-20-000084**

Schedule Docket No. Head of Account: Est Cost- **200.00 Lakhs**

Name of Work: **Asphating to Sainagara Phase-II and Bestcounty-III and Surrounding Areas in Ward No -03 Yelahanka Satellite Town Sub Division**

Name of Contractor and Full Address: **M/s. Technical Manager (West), KRIDL, Bangaluru, 5th Block, 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010**

Reference to Agreement No: **BBMP/EE/YNK.D/W.O/182/2019-20** Date: **09-11-2019**

Certified that the measurements were taken by me on 30/12/2021 and recorded of Pages 493626 to 493628/2 of measurement Book No. 4937/2019-20 and that the work is satisfactorily executed.

Contractor

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Officer-in-charge of work 30/12/2021

Certified that the measurements were taken by me on 30/12/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Total- 13883871=00 Amt 1st 8104742=00

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No ..... Dated ..... S.D. No ..... towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied / recovery of amount creditable to the work / Amount paid on this bill Cheque / Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office cash Book Voucher No ..... dated ..... less adjustments
7) Net amount due to or from Contractor
8) Advance to Contractor for materials brought to site (as detailed) within ..... unadjustments items.
9) Value of Government materials supplied

Bill Amount Percent Rs	5159936=00
(+) GST	619193=00
TOTAL	5779129=00
Less : I.Tax	115823=00 Amount adjusted
SGST	—
CGST	—
BOWWC	5779=00
CBF	5779=00
ROYALTY	197201=00
FINE	—
FSD	288954=00
OTHERS	—
TOTAL DEDUCT Rs	665310=00
NET P/M	5113819=00

Executive Contractor's Signature
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Dated Signature of Contractor

Paid by me by Cheque No..... Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Audited & Admitted for Rs. 5779129=00

5113819=00 by Cheque

and Rs. 665310=00 by adjustment

Executive Engineer

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

ABSTRACT

Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	973.56	207.6	202112	973.56	207.6	202112	0	207.6	0.00	973.56	202112.05
2	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	161.73	5421.9	876861	161.73	5421.9	876861	0	5421.9	0.00	161.73	876861.12
3	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machine mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc .Complete and as per the directions of the Engineer-in-charge of the work	Cum	323.93	7070.2	2290261	323.93	7070.2	2290261	0	7070.2	0.00	323.93	2290261.20
4	Providing T M T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Tonne	21.01	72326.98	1519475	21.008	72326.98	1519475	0	72326.98	0.00	21.01	1519474.69
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,and as per the directions of the Engineer-in-charge of the work	Sqm	837.11	2337	1956321	837.11	2337	1956321	0	2337	0.00	837.11	1956321.40
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc and as per the directions of the Engineer-in-charge of the work	Sqm	7.20	5418	39010	7.2	5418	39010	0	5418	0.00	7.20	39009.60

Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
7	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	3.31	5747.32	19018	0	5747.32	0	3.31	5747.32	19018.00	3.31	19018.00
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc ,complete as per specifications and as per the directions of the Engineer-in-charge of the work	m	736.00	432.48	318305	0	432.48	0	736.00	432.48	318306.00	736.00	318306.00
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	132.36	84.80	11224	0	84.8	0	0.00	84.80	0.00	0.00	0.00
10	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	2231.96	56.26	125570	0	56.26	0	2231.96	56.26	125571.00	2231.96	125571.00
11	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	5909.55	6.36	37585	0	6.36	0	5890.10	6.36	37462.00	5890.10	37462.00
12	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	886.43	1994.92	1768362	0	1994.92	0	886.43	1994.92	1768357.00	886.43	1768357.00

Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto D	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
13	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	1345.52	2001.28	2692768	0	2001.28	0	1345.52	2001.28	2692763.00	1345.52	2692763.00
14	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Sqm	5909.55	22.26	131547	0	22.26	0	0.00	22.26	0.00	0.00	0.00
15	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge.	Sqm	5909.55	33.92	200452	0	33.92	0	0.00	33.92	0.00	0.00	0.00
16	KSRRB 500-2 Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	5909.55	5.30	31321	0	5.3	0	0.00	5.30	0.00	0.00	0.00
17	KSRRB 500-7 Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOMcomplete as per specifications and directions of the Engineer in charge.	Sqm	5909.55	12.72	75169	0	12.72	0	0.00	12.72	0.00	0.00	0.00
18	KSRRB M500-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen complete as per specifications and	Cum	295.48	7428.48	2194949	0	7428.48	0	0.00	7428.48	0.00	0.00	0.00

Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto D	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
19	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder	Cum	231.82	8699.42	2016736	0	8699.42	0	0.00	8699.42	0.00	0.00	0.00
20	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and directions of the Engineer in charge.	Sqm	181.73	454.74	82638	0	454.74	0	0.00	454.74	0.00	0.00	0.00
21	Road markers/ Road stud , Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997.The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of	Nos	559.43	357.22	199841	0	357.22	0	0.00	357.22	0.00	0.00	0.00
22	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand pecking, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. 40mm Jelly .complete as per specifications and directions of the Engineer in charge.								0.00	0.00	0.00	0.00	0.00
	a) 40mm Jelly	Cum	0.62	1901.00	1179	0.62	1901	1179	0.00	1901.00	0.00	0.62	1178.62
	b) 20mm Jelly	Cum	0.62	1901.00	1179	0.62	1901	1179	0.00	1901.00	0.00	0.62	1178.62
	c) Coarse sand	Cum	0.47	2651.00	1233	0.465	2651	1233	0.00	2651.00	0.00	0.47	1232.72
	d) Fine sand	Cum	0.31	2651.00	822	0.31	2651	822	0.00	2651.00	0.00	0.31	821.81
	e) 12.5mm chips	Cum	0.47	1901.00	884	0.465	1901	884	0.00	1901.00	0.00	0.47	883.97

Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto D	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
23	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: HDPE Grade PE80-PN6.0, 630mm dia .(Perforated Pipe for Rain Water Harvesting Pit) complete as per specifications and directions of the Engineer in charge.	Rmt	9.00	10822.32	97401	9	10822.32	97401	0.00	10822.32	0.00	9.00	97400.88
24	Providing of Geonets for Rain Water Harvesting pit on the filter media as specified in drawings or complete as per specifications and directions of the Engineer in charge.	Sqm	1.55	71.03	110	1.55	71.03	110	0.00	71.03	0.00	1.55	110.10
	Total				16892331			6986847			4961477.00		11948324
	GST 12%				2027079.70			838421.61			595377.00		1433798.85
	KRIDL Charges (3% of estimated cost)				506770			209605			148844.00		358450
	For 1% Labour Cess				168923			69,868			49615.00		119483
	Total Amount				19595103.72			8104742.24			5755313.00		13860055.56

Asst.Engineer
ka / Yeshwanthpura Sub Division,
RIDL, BBMP, Bangalore

Contractor

Assistant Engineer

30/12/2021

30/05/2024

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ಮಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Executive Engineer